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PATENT SPECIFICATION

Inventor: WILLIAM HARRY DONKIN.

673.055



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COMPLETE SPECIFICATION

Improved Dispenser for Self-Adhesive Tape

We, OFREX LIMITED, a British Company, of 15—16, Newman Street, Oxford Street, London, W.1, do hereby declare the invention, for which we pray that a patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following statement:—

This invention relates to dispensers for self-adhesive tapes and it has for its object the provision of a device which is simple and cheap to produce and which, when the spool of tape supported thereon is used up, may be thrown away. Hitherto tape dispensers have comprised a pear-shaped closed box provided with a bulbous nose portion furnished with a lateral recess for the reception of a steel cutting-off blade. Dispensers have also been formed of a one part open U-shaped metal frame to support the spool of tape; dispensers of this latter form have also been provided with means for closing the base and holding the two side plates together.

According to the present invention it is proposed to form a dispenser as an open one piece frame having a centrally disposed upstanding spool support provided with two vertically disposed slits to form a resilient finger the top of which is furnished with an outwardly extending projection for maintaining a spool of tape on the support, and a nose piece provided with means for severing tape drawn off the spool.

In the accompanying drawing which illustrates this invention.

Figure 1 is a perspective view of the dispenser;

Figure 2 is a transverse section on line II—II of Figure 5;

Figure 3 is a similar view to Figure 2 illustrating an additional feature;

Figure 4 is a side elevation of the dispenser illustrating one position of use; and

Figure 5 is a side elevation of the dispenser in a different position of use.

In the embodiment illustrated in Figure 1, the device comprises an open one piece frame preferably formed of plastic said frame having a base plate 1 of approximately pear-shaped form, and an upstanding side wall 2 around part of the base plate, with an extension on one side terminating in a nose piece 3 having a serrated or toothed edge 4 for severing the tape. The centre of the plate 1 is furnished with a spool support 5, the bottom of said support adjacent the base plate being enlarged to provide a step 6 which serves to lift the side face of a spool of adhesive tape away from the inner face of the base plate 1. For the purpose of retaining the spool of tape on the support 5 said support is provided with two vertically disposed slits 7 so as to form a resilient finger 8 the top of which is furnished with a lip or projection 9 adapted to extend outwardly over the top of the spool of tape and prevent same from sliding off the support.

When it is desired to place a spool 10 of adhesive tape on the support 5 (Figure 2) the cylindrical member 11 on which the adhesive tape is wound is slipped over the support 5 the finger 8 being pressed inwardly and when in position the lip or projection 9 springs back and extends beyond the inner diameter of the member 11.

As shown in Figure 2, a disc 12 of card, metal or other desired material is superimposed on the support 5 above the top of the spool of tape, said disc having any desired particulars concerning the tape printed on or otherwise applied thereto in any desired manner.

In order that one size of dispenser may be employed for different widths of tape within a definite range, say from $\frac{1}{4}$ " to 1", one or more discs of card or other suitable material 13 may be placed in position on the support 5, and in order more or less to centralise the tape in relation to the cutter teeth 4, the spool of tape

may be placed between two of said discs as shown in Figure 3.

- The dispenser formed as above described may be used in two ways, for example as shown in Figure 4 in which the dispenser (shown with the disc 12 removed) is placed on the flat side 14 of the wall 2 the tape being drawn from the spool 10 towards the nose piece 13 and when the desired length has been drawn off the tape is moved downwardly against the nose piece 3 where it is severed by the teeth 4. In this case the adhesive side of the tape faces the nose piece 3 and after the desired length of tape has been severed the free end of the remainder will adhere to the nose piece behind the teeth 4 so as to be readily available when a further length of tape is required.
- 20 If desired, according to the alternative method of use, the position of the spool of tape in the dispenser is reversed so that the non-adhesive face of the tape is caused to bear against the nose piece 3, this nose piece and the toothed part 4 thereof serving to press the tape into contact with the surface to which it is being applied.

What we claim is:—

- 30 1. A dispenser for self-adhesive tape

formed as an open one piece frame having a centrally disposed upstanding spool support provided with two vertically disposed slits to form a resilient finger the top of which is furnished with an outwardly extending projection for maintaining a spool of tape on the support, and a nose piece provided with means for severing tape drawn off from the spool.

2. A dispenser for self-adhesive tape as claimed in Claim 1, in which when the spool of adhesive tape has been placed on the spool support, a disc is superimposed on top of the spool, both the latter and the disc being retained in position by the outwardly extending projection on the resilient finger.

3. A dispenser for self-adhesive tape as claimed in Claim 1 in which one or more discs may be positioned on the spool support for the purpose described.

4. A dispenser for self-adhesive tape substantially as described and as illustrated in the accompanying drawing.

PHILLIPS'S,
Chartered Patent Agents,
Bank Chambers, 329, High Holborn,
London, W.C.1,
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